

Table XVIII
Study of in vivo Nuclease Resistance of chimeric C3'-endo
(2'-O-MOE) and C2'-endo (2'-Me) modified oligonucleotides
with and without nuclease resistant caps
(2'-5'-phosphate or phosphorothioate linkage
with 3'-O-MOE in cap ends).

SEQ ID NO:	Sequence	Backbone	Description
30	5'-ATG CAT TCT GCC CCA AGGA-3'	P=S, 2'-H	(control) rodent C-raf antisense oligo
31	AoToGo CoAsTs TsCsTs GsCsCs CsCsAo AoGoGo A'	P=O/P=S/P=O2'-MOE/2'-Me/ 2'-MOE	
32	AsTsGs CsAsTs TsCsTs GsCsCs CsCsAs AsGsGs A	P=S	2'-MOE/2'-Me/ 2'-MOE
33	Ao*ToGo CoAsTs TsCsTs GsCsCs CsCsAo AoGoGo *A	P=O/P=S/P=O In asterisk, 2'-5' linkage with 3'-O-MOE;2'-O-MOE/ 2'-Me/2'-O- MOE/2'-5' linkage with 3'-O-MOE in asterisk;	
34	As*TsGs CsAsTs TsCsTs GsCsCs CsCsAs AsGsGs *A	P=S	In asterisk, 2'-5' linkage with 3'-O-MOE;2'-O-MOE/ 2'-Me/2'-O- MOE/2'-5' linkage with 3'-O-MOE in asterisk;

Table XIX
Study of in vivo Nuclease Resistance of chimeric
C3'-endo (2'-O-MOE) and C2'-endo (2'-ara-F) modified
oligonucleotides with and without nuclease resistant caps
(2'-5'-phosphate or phosphorothioate linkage
with 3'-O-MOE in cap ends).

SEQ ID NO:	Sequence	Backbone	Description
30	5'-ATG CAT TCT GCC CCA AGGA-3'	P=S, 2'-H	(control) rodent C-raf antisense oligo
31	AoToGo CoAsTs TsCsTs GsCsCs CsCsAo AoGoGo A	P=O/P=S/P=O 2'-MOE	2'-MOE/2'-ara-F/ 2'-MOE
32	AsTsGs CsAsTs TsCsTs CsCsAs GsCsCs AsGsGs A	P=S	2'-MOE/2'-ara- F/2'-MOE
33	Ao*ToGo CoAsTs TsCsTs GsCsCs CsCsAo AoGoGo *A	P=O/P=S/P=O In asterisk, 2'-5' linkage with 3'-O-MOE; 2'-O-MOE/ 2'-ara-F/2'-O- MOE/2'-5' linkage with 3'-O-MOE in asterisk;	
34	As*TsGs CsAsTs TsCsTs GsCsCs CsCsAs AsGsGs *A	P=S	In asterisk, 2'-5' linkage with 3'-O-MOE;2'-O -MO 2'-ara-F/2'-O- MOE/2'-5' linkage with 3'-O-MOE in asterisk;

Table XX
Study of in vivo Nuclease Resistance of chimeric
C3'-endo (2'-O-MOE) and C2'-endo (2'-ara-OH) modified
oligonucleotides with and without nuclease resistant caps
(2'-5'-phosphate or phosphorothioate linkage
with 3'-O-MOE in cap ends).

SEQ ID NO:	Sequence	Backbone	Description
30	5'-ATG CAT TCT GCC CCA AGGA-3'	P=S, 2'-H	(control) rodent C-raf antisense oligo
31	AoToGo CoAsTs TsCsTs GsCsCs CsCsAo AoGoGo A	P=O/P=S/P=O 2'-MOE	2'-MOE/2'-ara-OH/ 2'-MOE
32	AsTsGs CsAsTs TsCsTs GsCsCs CsCsAs AsGsGs A	P=S	2'-MOE/2'-ara-OH/ 2'-MOE
33	Ao*ToGo CoAsTs TsCsTs GsCsCs CsCsAo AoGoGo *A	P=O/P=S/P=O in asterisk, 2'-5' linkage with 3'-O-MOE; 2'-O-MOE /2'-ara-OH /2'-O-	MOE/2'-5' linkage with 3'-O-MOE in asterisk;
34	As*TsGs CsAsTs TsCsTs GsCsCs CsCsAs AsGsGs *A	P=S	In asterisk, 2'-5' linkage with 3'-O-MOE; 2'-O-MOE /2'-ara-OH /2'-O-MOE /2'-5' linkage with 3'-O-MOE in asterisk;